

DOCKETED

Docket Number:	07-AFC-06C
Project Title:	Carlsbad Energy Center - Compliance
TN #:	203463
Document Title:	Letter of Document Handling for Preliminary Staff Assessment - Librarian
Description:	N/A
Filer:	April Dearbaugh
Organization:	California Energy Commission
Submitter Role:	Commission Staff
Submission Date:	12/17/2014 12:02:56 PM
Docketed Date:	12/17/2014

CALIFORNIA ENERGY COMMISSION

1516 NINTH STREET
SACRAMENTO, CA 95814-5512
www.energy.ca.gov



December 17, 2014

Dear Librarian:

**DOCUMENT HANDLING FOR THE PRELIMINARY STAFF ASSESSMENT
FOR THE PROPOSED CARLSBAD ENERGY CENTER AMENDMENT PROJECT (07-AFC-
06C)**

The enclosed Preliminary Staff Assessment (PSA) contains the California Energy Commission staff's preliminary engineering and environmental evaluation of the Carlsbad Energy Center Amendment Project located in San Diego County. Please make this PSA available for those who may wish to be informed about the project. We request that you not allow the PSA or any of its contents to be removed from the library. To increase accessibility of the document, we ask, if possible, that you cross reference it as a general reference work under the title and author categories, as well as under such subjects as "Energy Commission," "electricity energy/generation," "power plant siting," or any other relevant subject.

The Energy Commission's siting process is open to the public and incorporates the input of the public as well as local, state and federal agencies. To facilitate public participation in our review process, the Commission distributes copies of staff documents such as the PSA to public libraries in communities near the proposed project, and in major cities throughout the state. As such, please retain a copy of the enclosed Notice of Availability behind the front cover of the PSA and also post a copy of the Notice of Availability in a place conspicuous and accessible to those members of the general public who visit the library.

Thank you for your cooperation. If you have any questions, please contact Mike Monasmith, Siting Project Manager at (916) 654-4894 or by email at mike.monasmith@energy.ca.gov, or Jon Hilliard, Project Manager, at 916-654-3936 or by email at jon.hilliard@energy.ca.gov, or either of them at the address on this letterhead.

Sincerely,

A handwritten signature in black ink, appearing to read "Chris Davis", written over a horizontal line.

Chris Davis, Manager
Siting Office

Enclosure:
Preliminary Staff Assessment (07-AFC-06C)

CALIFORNIA ENERGY COMMISSION
1518 NINTH STREET
SACRAMENTO, CA 95814-5512
www.energy.ca.gov



December 17, 2014

**NOTICE OF AVAILABILITY
OF THE
PRELIMINARY STAFF ASSESSMENT
FOR THE PROPOSED
CARLSBAD ENERGY CENTER
PETITION TO AMEND (07-AFC-06C)
AND
NOTICE OF PUBLIC WORKSHOPS**

Monday, January 12, 2015

**Beginning at 1:00 PM, with a recess
for dinner from 5:00 PM to 6:30 PM**

WebEx telephone/call-in toll-free number: 1-866-469-3239

WebEx meeting number: 925 892 950

WebEx meeting password: Meeting@1399

Tuesday, January 13, 2015

Beginning at 9:30 AM

WebEx telephone/call-in toll-free number: 1-866-469-3239

WebEx meeting number: 924 986 367

WebEx meeting password: Meeting@930

Workshop location:

Hilton Carlsbad Oceanfront Resort

1 Ponto Road

Carlsbad, CA 92011

(Wheelchair accessible, map attached)

**NOTICE OF AVAILABILITY OF THE PRELIMINARY STAFF ASSESSMENT
AND WORKSHOPS FOR
THE CARLSBAD ENERGY CENTER AMENDMENT PROJECT (07-AFC-06C)**

TO: MEMBERS OF THE PUBLIC

Purpose of the Public Workshops

The Energy Commission encourages public participation in the review of the CECP amendment proceeding. The Energy Commission staff will hold workshops to discuss the PSA to help all parties learn more about the proposed CECP amendment and the next steps in the Energy Commission's PTA process. The workshops provide an opportunity for agencies, the public and other interested parties to present questions and comments on the PSA. All interested agencies and members of the public are invited to participate.

The workshops will be held on Monday, January 12th, 2015 starting at 1:00 PM with a recess for dinner from 5:00 PM to 6:30 PM, and Tuesday, January 13th, 2015 starting at 9:30 A.M., at the Hilton Carlsbad Oceanfront Resort, 1 Ponto Road, Carlsbad, CA 92011. In the event that additional time is required for the PSA Workshops, the January 13, 2015 Workshop will be continued to the following day, January 14, 2015, starting at 2:30 PM, to be conducted at the California Energy Commission, Hearing Room B, 1516 Ninth Street, 1st Floor, Sacramento, CA 95814; WebEx telephone/call-in toll-free number: 1-866-469-3239, WebEx meeting number: 927 881 481, WebEx meeting password: Meeting@1430.

Preliminary Staff Assessment

This notice of availability (NOA) is to inform you of the availability of the Preliminary Staff Assessment (PSA) for the Carlsbad Energy Center Project Petition to Amend (PTA, the "CECP amendment") (07-AFC-06C). The PSA was published on December 15, 2014, and provides staff's analysis of the project's compliance with applicable laws, ordinances, regulations and standards (LORS) and proposed mitigation measures and conditions of certification for potential impacts in the areas of engineering, the environment, and public health and safety. The PSA is available for review on the Energy Commission's web site at: <http://docketpublic.energy.ca.gov/PublicDocuments/07-AFC-06C/TN203457>.

The PSA is not a decision document for these proceedings, nor does it contain findings of the Energy Commission related to environmental impacts or the project's compliance with local, state, and federal laws, ordinances, regulations and standards (LORS). The PSA will serve as a precursor to the Final Staff Assessment (FSA). After allowing for a public comment period and holding public workshops on the PSA, staff will prepare and publish a FSA that will address comments received and serve as staff's formal testimony in evidentiary hearings to be held by the Energy Commission Committee assigned to hear this case. The Committee will hold evidentiary hearings and will consider the recommendations presented by the staff, petitioner, intervenors, government agencies, tribes and the public, prior to proposing its decision. The Energy Commission will make the final decision, including findings, after the Committee's publication of its proposed decision.

The public comment period for the PSA ends on January 21, 2015. If you wish to comment on the document, please submit comments by going to the Energy Commission's webpage <http://www.energy.ca.gov/sitingcases/carlsbad/> and click on the

**NOTICE OF AVAILABILITY OF THE PRELIMINARY STAFF ASSESSMENT
AND WORKSHOPS FOR
THE CARLSBAD ENERGY CENTER AMENDMENT PROJECT (07-AFC-06C)**

"Submit e-Comment" link. Please provide your full name, an organization name, an e-mail address, a reference to Docket No. 07-AFC-06C in the subject line, and preferably put your comment in an attached document (Microsoft Word .doc, .docx, or in Portable Document Format - .pdf format). After entering characters to ensure that responses are generated by a human user and not a computer, click on the "Agree & Submit Your Comment" button to submit the comment to the Energy Commission Dockets Unit.

If you wish to mail written comments on the project, please submit them to the Energy Commission Dockets Unit. Please include the docket number (07-AFC-06C) for the CECP amendment in the subject line or first paragraph of your comments, and mail or hand-deliver them to:

California Energy Commission
Dockets Unit, MS-4
1516 Ninth Street
Sacramento, CA 95814-5512

All written comments and materials filed with the Dockets Unit will become a part of the public record of the proceeding. Additionally, comments will be posted on the CECP amendment webpage of the Energy Commission's website.

Summary of Proposed Project

Background

On May 31, 2012, the Energy Commission approved the 540-megawatt (MW) CECP, with combined-cycle technology powered by natural gas and air-cooled by fin-fan heat exchange condensers. Necessary linear features approved for the licensed CECP include the option to use either reclaimed or desalinated seawater for the project's daily industrial water requirements.

Following a change in regional reliability requirements due to the June, 2013, decommissioning of the San Onofre Nuclear Generating Station, plans to amend the licensed CECP began. Amendments to the CECP were filed by the petitioner/project owner in two separate petitions (one filed on April 29, 2014, and the second on May 2, 2014). The two petitions were consolidated and combined into one single proceeding by the Committee reviewing this case on September 23, 2014.

Project Location

The amended CECP would be located on approximately 30 acres (an expansion of seven acres from the licensed CECP footprint) at the northeastern corner of the 95-acre Encina Power Station (EPS) in the northern coastal San Diego County city of Carlsbad, California, west of Interstate 5, adjacent to the Agua Hedionda Lagoon.

Project Description

The CECP amendment electrical generation power plant re-configuration would include six simple-cycle LMS100 natural gas-fired combustion turbines (designated amended CECP Units 6, 7, 8, 9, 10, and 11). Similar to the licensed CECP, the amended CECP units would

**NOTICE OF AVAILABILITY OF THE PRELIMINARY STAFF ASSESSMENT
AND WORKSHOPS FOR
THE CARLSBAD ENERGY CENTER AMENDMENT PROJECT (07-AFC-06C)**

interconnect with SDG&E's 138-kv and 230-kV switchyard facilities. All key power plant operation and maintenance features would be located to the eastern side of the North County Transit District (NCTD) railroad tracks within the 30-acre project footprint. Relocated features would include a new administrative and control building and smaller warehouse. A more detailed description of the project's technical elements is included in the Project Description section of the PSA (<http://docketpublic.energy.ca.gov/PublicDocuments/07-AFC-06C/TN203457>). The amended CECP would be developed in several phases over a 64-month period. These phases include the Phase I demolition of above-ground fuel oil storage tanks (ASTs) 1, 2 and 4 (following demolition of those AST's already permitted for demolition by the licensed CECP, i.e. AST's, 5, 6 and 7). Phase II would involve the construction, commissioning, and commencement of operation of the amended CECP power plant. Following start-up of commercial operation, Phase III would begin a maximum 12-month phase that includes cessation of all once-through seawater cooling (OTC) at the EPS, per the state water board OTC deadline of December 31, 2017. The final Phase IV of the CECP amendment involves the demolition of EPS Units 1-5, the 200-ft. concrete enclosure building housing the units, the 400-ft exhaust stack, and other above-ground ancillary facilities located west of the North Coast Transit District (NCTD) railroad tracks. The only facilities west of the railroad tracks that would remain following Phase IV demolition would be facilities associated with the Carlsbad Seawater Desalination Project (CSDP), and transmission and linear features necessary for the operation of the amended CECP power plant.

Energy Commission Licensing Authority

The Energy Commission has jurisdiction over the review and approval of all thermal electric power plants with 50 MW and greater generating capacity in California. The Energy Commission's facility certification process examines public health and safety, environmental impacts, and engineering aspects of proposed power plants and related facilities. The Energy Commission has a certified regulatory program and is the lead agency under the California Environmental Quality Act (CEQA). The Energy Commission retains exclusive jurisdiction over the review and approval of all amendments to projects originally licensed under its jurisdictional authority, per Title 20, California Code of Regulations, section 1769.

California Energy Commission Staff's Preliminary Conclusions

Based upon the information provided, discovery achieved, and analyses completed to date, Summary Table-1 on the following page illustrates the Energy Commission staff's preliminary assessment of the CECP amendment and also identifies the areas where staff has requested additional information. The PSA contains a detailed discussion of staff's preliminary conclusions, all of which are subject to change in the FSA depending upon additional information and comments received.

**NOTICE OF AVAILABILITY OF THE PRELIMINARY STAFF ASSESSMENT
AND WORKSHOPS FOR
THE CARLSBAD ENERGY CENTER AMENDMENT PROJECT (07-AFC-06C)**

**Summary Table 1
Environmental and Engineering Assessment**

Technical Area	Complies with LORS	Impacts Mitigated	Additional Information Required
Air Quality/Greenhouse gases	Yes	Yes	No
Biological Resources	Yes	Yes	No
Cultural Resources	Yes	Undetermined	Yes
Hazardous Materials	Yes	Yes	No
Land Use	No	Yes	No
Noise and Vibration	Yes	Yes	No
Public Health	Yes	Yes	No
Socioeconomics	Yes	Yes	No
Soil and Water Resources	Yes	Yes	Yes
Traffic & Transportation	Yes	Yes	No
Transmission Line Safety/Nuisance	Yes	Yes	No
Visual Resources	Yes	Yes	No
Waste Management	Yes	Yes	No
Worker Safety and Fire Protection	Yes	Yes	No
Facility Design	Yes	Yes	No
Geology & Paleontology	Yes	Yes	No
Power Plant Efficiency	Yes	Yes	No
Power Plant Reliability	Yes	Yes	Yes
Transmission System Engineering	Yes	Yes	Yes
Alternatives	Yes	Yes	No

Availability of the Preliminary Staff Assessment

A copy of the PSA is available on the project web site at:

http://doCKETpublic.energy.ca.gov/Public_Documents/12-AFC-03/TN203457. If you have any questions about the PSA, project schedule, please contact Mike Monasmith, Senior Project Manager at (916) 654-4894 or by email at mike.monasmith@energy.ca.gov or Jon Hilliard, Project Manager at 916 654-3936 or jon.hilliard@energy.ca.gov.

Copies of the PSA are also available at the Energy Commission's Library in Sacramento, the California State Library in Sacramento, and at California public libraries in Eureka, Fresno, San Francisco, Los Angeles, and San Diego. Additionally, copies of the PSA were mailed to the following public libraries:

Georgina Cole Library,
1250 Carlsbad Village Drive,
Carlsbad, CA 92008

Oceanside Public Library,
330 North Coast Highway,
Oceanside, CA 92054

Carlsbad City Library,
1775 Dove Lane,
Carlsbad, CA 92011

Copies of the PSA have also been sent to those public agencies that would normally have jurisdiction except for the Energy Commission's exclusive authority to certify sites and related facilities.

NOTICE OF AVAILABILITY OF THE PRELIMINARY STAFF ASSESSMENT
AND WORKSHOPS FOR
THE CARLSBAD ENERGY CENTER AMENDMENT PROJECT (07-AFC-06C)

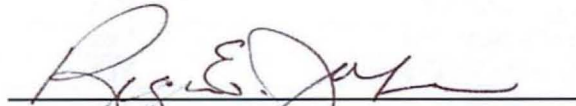
**Public Resources, Contact Information and Additional Sources for
Information**

If you desire information on how to participate in the Energy Commission's review of the proposed project, please contact the Energy Commission's Public Adviser, Alana Mathews, at (916) 654-4489 or toll free in California at (800) 822-6228, or by email at publicadviser@energy.ca.gov.

News media inquiries should be directed to Information Officer, Michael Ward at (916) 654-4394 or by email at mediaoffice@energy.ca.gov.

To request special accommodations for those persons with disabilities, contact Lourdes Quiroz at lquiroz@energy.state.ca.us or by telephone at (916) 654-5146. Those persons with limited English knowledge may request interpreter services by contacting the Project Manager, Mike Monasmith, at (916) 654-4894, or by email at mike.monasmith@energy.ca.gov.

Date: 12/17/2014



Roger Johnson, Deputy Director
Siting, Transmission, and Environmental Protection
Division

cc: Mail list: 7260, 7261
Carlsbad Energy Center Project Amendment listserv

**NOTICE OF AVAILABILITY OF THE PRELIMINARY STAFF ASSESSMENT
AND WORKSHOPS FOR
THE CARLSBAD ENERGY CENTER AMENDMENT PROJECT (07-AFC-06C)**

NOTICE OF PUBLIC WORKSHOPS

Monday, January 12, 2015

**Beginning at 1:00 PM; with a recess
for dinner from 5:00 PM to 6:30 PM**

WebEx telephone/call-in toll-free number: 1-866-469-3239

WebEx meeting number: 925 892 950

WebEx meeting password: Meeting@1399

Tuesday, January 13, 2015

Beginning at 9:30 AM

WebEx telephone/call-in toll-free number: 1-866-469-3239

WebEx meeting number: 924 986 367

WebEx meeting password: Meeting@930

Workshop location:

Hilton Carlsbad Oceanfront Resort

1 Ponto Road

Carlsbad, CA 92011

(Wheelchair accessible)

**In the event that additional time is required for the PSA Workshops, the January 13,
2015 Workshop will be continued to the following day, January 14, 2015, starting at
2:30 PM, to be conducted at:**

California Energy Commission

1516 Ninth Street

Hearing Room B, 1st Floor,

Sacramento, CA 95814

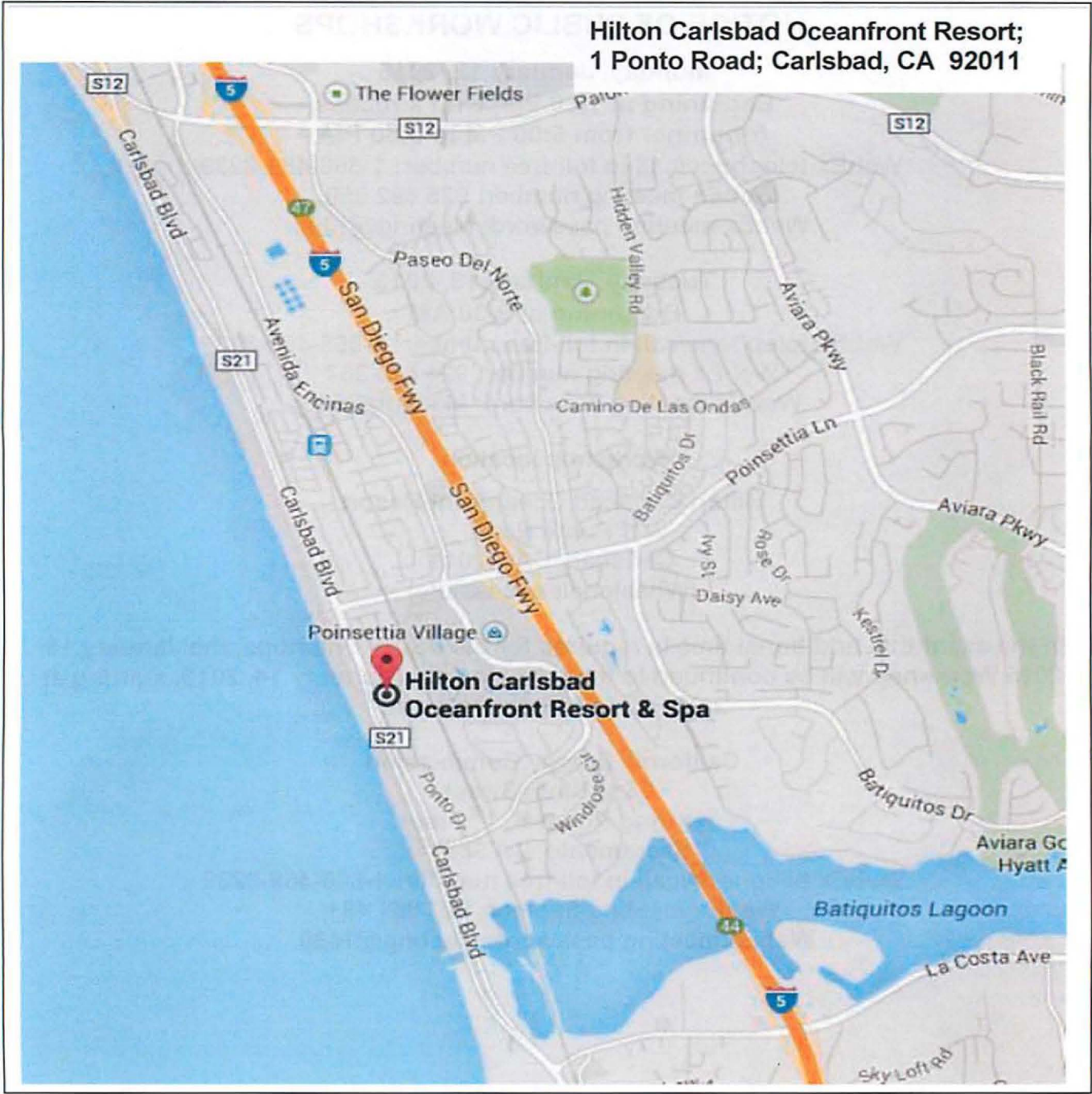
WebEx telephone/call-in toll-free number: 1-866-469-3239

WebEx meeting number: 927 881 481

WebEx meeting password: Meeting@1430.

NOTICE OF AVAILABILITY OF THE PRELIMINARY STAFF ASSESSMENT
AND WORKSHOPS FOR
THE CARLSBAD ENERGY CENTER AMENDMENT PROJECT (07-AFC-06C)

Hilton Carlsbad Oceanfront Resort;
1 Ponto Road; Carlsbad, CA 92011



NOTICE OF AVAILABILITY OF THE PRELIMINARY STAFF ASSESSMENT
AND WORKSHOPS FOR
THE CARLSBAD ENERGY CENTER AMENDMENT PROJECT (07-AFC-06C)

